

ZOOTAXA

860

A Catalogue of the Muscidae (Diptera) of the Neotropical Region

C.J.B. DE CARVALHO, M.S. COURI, A.C. PONT, D. PAMPLONA & S.M. LOPES



Magnolia Press
Auckland, New Zealand

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(*Zootaxa* 860)

282 pp.; 30 cm.

16 February 2005

ISBN 1-877354-86-4 (Paperback)

ISBN 1-877354-87-2 (Online edition)

FIRST PUBLISHED IN 2005 BY

Magnolia Press

P.O. Box 41383

Auckland 1030

New Zealand

e-mail: zootaxa@mapress.com

<http://www.mapress.com/zootaxa/>

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ISSN 1175-5326 (Print edition)

ISSN 1175-5334 (Online edition)

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Abstract

The Muscidae (Diptera) of the Neotropical Region are catalogued. 843 extant and 3 extinct species in 84 genera are listed together with their synonyms, giving a total of 1209 names. References are given to the original descriptions and the subsequent taxonomic, biological and applied literature, the location of types, and the geographic distribution. A comprehensive bibliography is provided. There are one new specific synonym, one new generic synonym, 15 new combinations, one new specific name, two new generic names, and one re-instated name (with a second one that is accepted here but is being formally re-instated in a paper listed as "in press").

Key words. Catalogue, Diptera, Muscidae, Neotropical

Introduction

The Muscidae is a large family of calyptrate Diptera found in all biogeographic regions. The Fanniidae and Anthomyiidae were until recently treated as subfamilies of the Muscidae (Hennig 1965, Hockett 1965a, Hockett and Vockeroth 1987) but even after the removal of these groups the family includes some 4500 described species in about 180 genera.